

# Converting Colors

Hex(9E1CD1)

Have a look what the booklet for  
Hex(9E1CD1) contains.

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# Color

**Hex(9E1CD1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E1CD1
RGB	158, 28, 209
RGB Percent	62%, 11%, 82%
CMY	0.3804, 0.8902, 0.1804
CMYK	0.24, 0.87, 0.00, 0.18
HSL	283°, 76%, 46%
HSV	283°, 87%, 82%
XYZ	26.0244, 12.7031, 61.4019
YIQ	87.5040, 19.3790, 83.8510

# Conversions

## Conversions Part 2

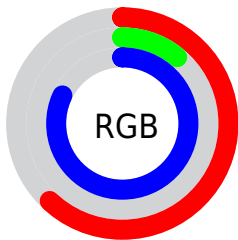
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 28, 209
Decimal	10362065
CIE <sub>Lab</sub>	42.31, 73.33, -64.70
CIE <sub>LCh</sub>	42, 97.791, 318.579
Yxy	12.7031, 0.2599, 0.1269
Android (android.graphics.Color)	4288552145 (0xFF9E1CD1)
YUV	87.5040, 59.8975, 61.8250
Hunter-Lab	35.6413, 67.9639, -77.1942

# Details

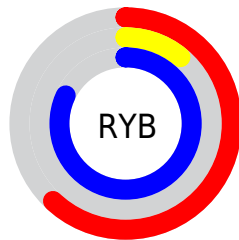
The Hex color **9E1CD1** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **4FD11C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **D95EFF**, and **640099** is the 20% darker color. If you saturate the color by 10%, you get **9807D1**, and if you desaturate by 10%, it is **A431D1**.

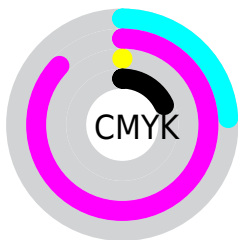
# Distribution



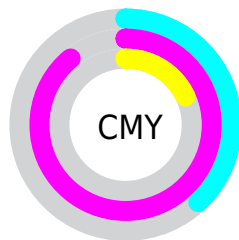
- Red (62%)
- Green (11%)
- Blue (82%)



- Red (62%)
- Yellow (11%)
- Blue (82%)



- Cyan (24%)
- Magenta (87%)
- Yellow (0%)
- Black (18%)



- Cyan (38%)
- Magenta (89%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E1CD1 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9E1CD1 by changing the saturation by 10% instead.



 9E1CD1

 9E1CD1

FFFFFF

 8100B5

 D95EFF

 640099

 F77AFF

 47007F

 FF97FF

 290065

 FFB4FF

 00004C

 FFD1FF

 000434

 FFEFFF

 00021E

 000000

 9E1CD1

 9E1CD1

■ 9807D1

■ A431D1

■ 9600D1

■ AA46D1

■ B05BD1

■ B670D1

■ BB85D1

■ C199D1

■ C7AED1

■ CDC3D1

■ D3D8D1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



005EFF



9E1CD1



DC0086

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9E1CD1



935600



008296

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9E1CD1



4FD11C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007F41



9E1CD1



4A6F00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9E1CD1



C91100



007B00



0081DE

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9E1CD1



E70051



007B00



00817A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9E1CD1



ECBDFE



1C4FD1



745880



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9E1CD1



B700FF



D11CAA



665E69



7900A8



1D0029



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D11C4F



FF0048



1CD143



695E61



A8002F



29000B



# Previews

## White Background



This preview shows how the Hex color 9E1CD1 looks on a white background.

## Color Contrast Check

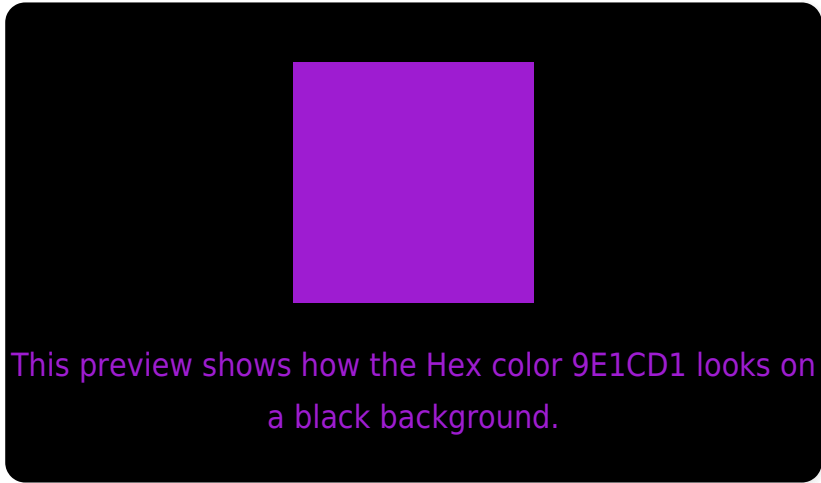
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

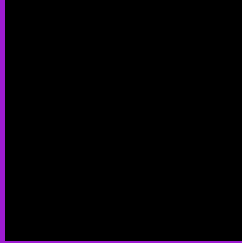
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9E1CD1 Background



This preview shows how black text looks on a background with the Hex color 9E1CD1.

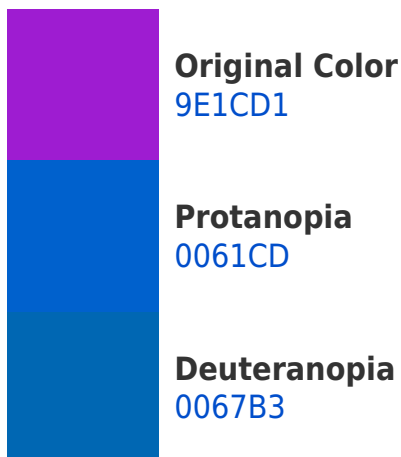


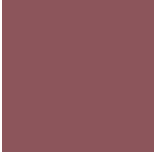
This preview shows how white text looks on a background with the Hex color 9E1CD1.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

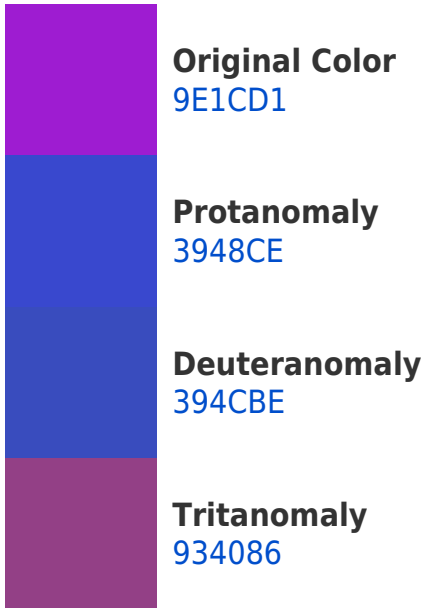
## Dichromacy



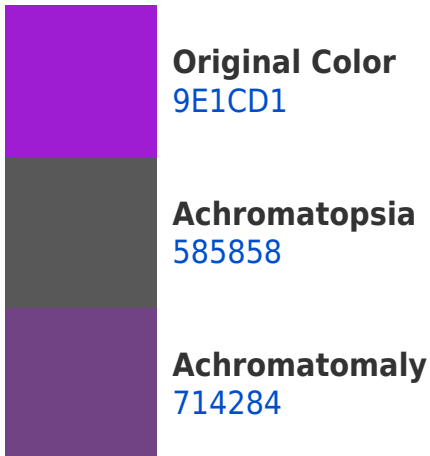


**Tritanopia**  
8C555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E1CD1 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9E1CD1 looks like.

```
.text, #text, p{  
    color:#9E1CD1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9E1CD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E1CD1
}
```

## Border

The CSS property to change the border of an element to Hex 9E1CD1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

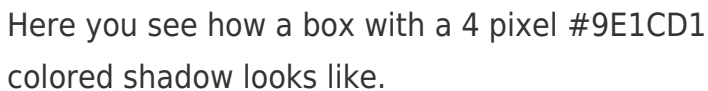
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E1CD1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9E1CD1 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #9E1CD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E1CD1; -webkit-box-shadow:4px 4px  
4px 4px #9E1CD1; box-shadow:4px 4px 4px  
4px #9E1CD1 }
```

# Background

The CSS property to change the background color of an element to Hex 9E1CD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E1CD1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9E1CD1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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